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Amendment dated 08 June 2004  
Reply to Office Action mailed 08 March 2004

### Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

#### Listing of Claims:

1. (Currently Amended) In a prefabricated biological purification system for treatment of residential wastewater, the system having two main units including a primary purification unit including a prefabricated biological depurator and a secondary purification unit containing a filling material having a grain size distribution of about 2 cm to about 4 cm in diameter. the primary purification unit having modular elements of an elongated octagonal shape and assembled one on top of the other, wherein the modular elements form a container which varies in height depending on a number of the modular elements assembled, internal elements having an inflow tube, an internal separation panel with a fluid passage duct, a trapezoidal diaphragm, and a device for controlling liquid outflow and the container with an octagonal cover, ~~the internal modifications to the primary purification unit comprising:~~

(a) the internal separation panel ~~having a first reduced height~~  
defining a first internal sector and a second internal sector;

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(b) a second diaphragm in a form of an octagonal modular element positioned ~~approximately in a middle of~~ within the container;

(c) a horizontal fluid passage duct formed as a horizontal opening of 5 cm between a bottom end portion of the internal separation panel and the second diaphragm; and

(d) a flow control element forming an intake space of a flow control device having a second reduced height between a bottom end portion of an outlet pipe and the trapezoidal diaphragm.

2. (Currently Amended) In the prefabricated biological purification system according to Claim 1, wherein [[a]] the secondary purification unit of the two main units comprises: panels of various shapes assembled to form an external structure; four triangular pieces and one central octagonal piece forming a bottom element; four L-shaped pieces with holes in corner areas for a vent tube to pass through which together form an intermediate structure holding the panels together; and a one-piece compact fluid distributor.

3. (Previously Presented) In the prefabricated biological purification system according to Claim 2, wherein the one-piece compact fluid

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distributor, prefabricated from concrete, requires no machinery for operation, and has an intake port in an upper central portion, a vent port in an upper section, and fluid distribution holes in a lower section.

4. (Currently Amended) In the prefabricated biological purification system according to Claim 1, wherein an internal variation to the primary purifying unit has a the horizontal fluid passageway passage duct is positionable at different levels inside the container, depending on a capacity of the container and of a diaphragm constructed from an elongated octagonal element and separation panel perpendicular to the elongated octagonal element, with an opening between the two elements the horizontal opening formed between the internal separation panel and the second diaphragm that permits internal passage of fluid from one sector to another between the first internal sector and the second internal sector.

5. (Currently Amended) In the prefabricated biological purification system according to claim 1, wherein complementary internal elements of the biological wastewater purification system include a lower diaphragm, the separation panel with the fluid passage duct, the flow control element, and the second

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purification unit further comprises a one-piece fluid distributor in fluid communication with the outlet pipe.

6. (Previously Presented) In the prefabricated biological purification system according to Claim 1, wherein each of the modular elements has the elongated octagonal shape of 81 cm x 101 cm at a base and 51 cm in height.

7. Canceled.

8. (Currently Amended) In the prefabricated biological purification system according to Claim 1, ~~wherein an external modification to the primary purification unit includes placement of~~ further comprising a soapy water inlet points formed on both sides of [[the]] an upper modular element corresponding to a and in fluid communication with the second internal sector.

9. (Previously Presented) In the prefabricated biological purification system according to Claim 1, wherein the system has a secondary purifying unit comprising several prefabricated concrete panels and respective upper

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and lower connecting elements and a fluid distributor, and system components are modular.

10. (Previously Presented) In the prefabricated biological purification system according to Claim 1, wherein a one-piece compact fluid distributor, prefabricated from concrete, requires no machinery for operation, and has an intake port in an upper central portion, a vent port in an upper section, and fluid distribution holes in a lower section.

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